

To: Joffe, Brian[Joffe.Brian@epa.gov]; Odendahl, Steve[Odendahl.Steve@epa.gov]
From: Denawa, Mai
Sent: Wed 12/14/2016 5:19:06 PM
Subject: FW: Revised DRAFT Information for Transmittal to FHWA Regarding the I-70 East Project

From: Russ, Timothy
Sent: Friday, November 18, 2016 11:26 AM
To: Berry, Laura <berry.laura@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>; Dubey, Susmita <dubey.susmita@epa.gov>
Cc: Jackson, Scott <Jackson.Scott@epa.gov>; Odendahl, Steve <Odendahl.Steve@epa.gov>; Denawa, Mai <Denawa.Mai@epa.gov>; Dresser, Chris <Dresser.Chris@epa.gov>; Anderson, Carol <Anderson.Carol@epa.gov>; Schuller, Jennifer <Schuller.Jennifer@epa.gov>; Rickard, Joshua <Rickard.Joshua@epa.gov>
Subject: FW: Revised DRAFT Information for Transmittal to FHWA Regarding the I-70 East Project

Hi Everyone,

Ex. 5 - Deliberative Process

I've designed the email to come from me to FHWA with "cc" to Vanessa Henderson of CDOT., but it can certainly be altered to come from Region 8 Air Program management if that seems more appropriate.

Please see what you all think and thanks for your assistance!

Tim

Tim Russ
Environmental Scientist
USEPA Region 8
Air Program
1595 Wynkoop Street (8P-AR)
Denver, CO 80202-1129
Ph. (303) 312-6479
Fax (303) 312-6064
e-mail: russ.tim@epa.gov

From: Berry, Laura
Sent: Friday, November 18, 2016 9:46 AM
To: Russ, Timothy <Russ.Tim@epa.gov>; Patulski, Meg <patulski.meg@epa.gov>; Dubey, Susmita <dubey.susmita@epa.gov>
Cc: Odendahl, Steve <Odendahl.Steve@epa.gov>; Denawa, Mai <Denawa.Mai@epa.gov>; Dresser, Chris <Dresser.Chris@epa.gov>; Anderson, Carol <Anderson.Carol@epa.gov>; Schuller, Jennifer <Schuller.Jennifer@epa.gov>; Jackson, Scott <Jackson.Scott@epa.gov>; Rickard, Joshua <Rickard.Joshua@epa.gov>
Subject: RE: Revised DRAFT Information for Transmittal to FHWA Regarding the I-70 East Project

Hi Tim,

Ex. 5 - Deliberative Process

Thanks,

Laura Berry

(734) 214-4858

berry.laura@epa.gov

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Ex. 5 - Deliberative Process

La Casa (CASA)
Region: Denver
Monitoring Station
4545 Navajo Street

SAROAD:
 AQS ID: 080310026
 Latitude: 39.779460
 Longitude: -105.005124
 Reporting capabilities (hourly)
 SLAMS: CO, PM10, PM2.5
 NAMS: O3, SO2
 SPM: NO, RD, RS, TEMP, WD, WS

EPA's November, 2015 PM Hot-spot modeling guidance ("Transportation Conformity Guidance for Quantitative Hot-spot Analyses in PM_{2.5} and PM₁₀ Nonattainment and Maintenance Areas") notes the following in section 9.3.4 *24-hour PM₁₀ NAAQS*:

Calculating Design Values and Determining Conformity

The 24-hour PM₁₀ design value is calculated at each receptor by directly adding the sixth-highest modeled 24-hour concentrations (if using five years of meteorological data) to the appropriate monitor value for the 24-hour background concentration from three years of monitoring data, based on Exhibit 9-6.¹⁵³ Exhibit 9-6: Monitor Value Used for Design Value Calculation

Number of Background Concentration Values from the Monitor	Monitor Value Used for Design Value Calculation
< 347	Highest Monitor Value
348 -695	Second Highest Value
696 -1042	Third Highest Value
1043 -1096	Fourth Highest Value

PM₁₀ data from the La Casa monitoring site are provided in the table below:

POC 1 1 in 3 Sampler

Year	N	Highest value	2 nd highest	3 rd highest	4 th highest
2015	119	55	48	44	43
2014	127	66	65	62	62
2013	122	81	73	56	45

“N” = the number of days of valid data recovery.

NOTE: There are actually three PM₁₀ monitors co-located at the La Casa monitoring location. POC#1 is a “1 in 3” sampler and takes a sample every 3rd day; it is our understanding that this is the primary monitor as so designated by CDPHE. POC#2 is a “1 in 6” sampler and takes a sample every 6th day and POC#3 is a continuous monitor and samples every day.

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Please let us know if there are any questions.

Thanks!

Tim

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